

## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

### RADIATION FIELD DETECTION

the specification of which:

☒ was filed on January 29, 2004, as United States non-provisional application U.S.S.N. 10/767,024 and bearing Attorney Docket No. 21629-008, and is currently Attorney Docket No. 18475-508.

☐ is attached hereto.

I acknowledge the duty to disclose information that is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

| Appln.<br>Number | Country<br>(if PCT, so indicate) | Filing Date<br>(dd/mm/yy) | Priority Claimed         |                          |
|------------------|----------------------------------|---------------------------|--------------------------|--------------------------|
|                  |                                  |                           | Yes                      | No                       |
|                  |                                  |                           | <input type="checkbox"/> | <input type="checkbox"/> |
|                  |                                  |                           | <input type="checkbox"/> | <input type="checkbox"/> |
|                  |                                  |                           | <input type="checkbox"/> | <input type="checkbox"/> |

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

| <b>Application No.</b><br><i>(U.S.S.N.)</i> | <b>Filing Date</b><br><i>(dd/mm/yy)</i> |
|---|---|
| 60/443,475                                  | 29/01/03                                |
|   |   |

I hereby appoint the attorneys and/or agents associated with Mintz Levin Cohn Ferris Glovsky & Popeo, Customer Number 30623 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please address all telephone calls to Shane H. Hunter, Esq. at telephone number 617-348-1765 and, Address all correspondence to:

Shane H. Hunter, Esq.  
Mintz Levin Cohn Ferris Glovsky & Popeo, PC  
One Financial Center  
Boston, MA 02184  
**Customer No. 30623**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

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Mark J. Engler  
Inventor's Signature

Full Name of Inventor: Mark J. Engler

**Citizenship:** U.S.A.

Residence: 7 Stedman Road, #111, Lexington, MA 02421

Post Office Address: Same

1/12/05

Date \_\_\_\_\_

**Inventor's Signature**

Full Name of Inventor: Mark J. Rivard

**Citizenship:** U.S.A.

Residence: 30 Huckleberry Road, Hopkington, MA 01748

Post Office Address: Same

Date \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

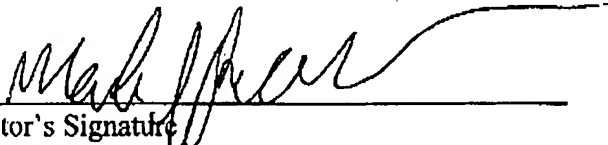
\_\_\_\_\_  
Date

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\_\_\_\_\_  
11/13/2005

Date

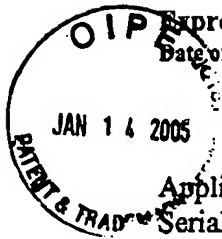
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Post Office Address: Same



Express Mail Label No.: EV475169805US  
Date of Deposit: January 14, 2005

Attorney Docket No. 18475-508

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Engler et al.  
Serial No.: 10/767,024  
Filed: January 29, 2004  
For: RADIATION FIELD DETECTION  
Examiner: Not Yet Assigned  
Group Art: 2878

Commissioner for Patents  
P.O. Box 1420  
Alexandria, VA 22313-1450

**STATEMENT CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) and 1.27(d) – NONPROFIT ORGANIZATION)**

I hereby state that I am an official empowered to act on behalf of the nonprofit organization identified below:

Name of Nonprofit Organization: President and Fellows of Harvard College  
Address of Nonprofit Organization: 677 Huntington Avenue, 2-127, Boston, MA 02115

**TYPE OF NONPROFIT ORGANIZATION:**

- ☒ University or other Institution of High Education
- ☐ Tax Exempt under Internal Revenue Service Code (26 U.S.C. 501(a) and 501(c)(3))
- ☐ Nonprofit scientific or educational under statute of States of the United States of America  
(Name of State \_\_\_\_\_)  
(Citation of Statute \_\_\_\_\_)
- ☐ Would qualify as tax exempt under Internal Revenue Service Code (26 U.S.C. 501(a) and 501(c)(3) if located in the United States of America
- ☐ Would qualify as nonprofit scientific or educational under statute of State of the United States of America  
(Name of State \_\_\_\_\_)  
(Citation of Statute \_\_\_\_\_)

I hereby state that the nonprofit organization identified above qualifies as a nonprofit organization, as defined in 37 C.F.R. § 1.9(e), for purposes of paying reduced fees to the United States Patent and Trademark Office under Sections 41(a) and (b) of Title 35, United States Code, with regard to the invention described in

APPLICANT: Engler *et al.*  
U.S.S.N.: 10/767,024

- ☐ the specification filed herewith with title as listed above  
☒ the application identified above  
☐ the patent identified above

I hereby state that rights under contract or law have been conveyed to, and remain with, the nonprofit organization, with regard to the above identified invention. If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 C.F.R. § 1.9(c), if that person made the invention, or by any concern that would not qualify as a small business concern under 37 C.F.R. § 1.9(d), or a nonprofit organization under 37 C.F.R. § 1.9(e).

Each person, concern, or organization having any rights in the invention is listed below:

- ☒ no such person, concern, or organization exists  
☐ each such person, concern, or organization is listed below: ♦  
♦ *Note: Separate Statements Claiming Small Entity Status are required from each named person, concern, or organization having rights to the invention. 37 C.F.R. § 1.27.*

Full Name:

Address:

☐ Individual ☐ Small Business Concern ☐ Non-profit Organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 C.F.R. § 1.28(b)).

Name of person signing: William New

Title in organization of person signing: Vice President of Research  
New England Medical Center Hospitals, Inc.

Address of person signing: NEMC 817  
750 Washington Street  
Boston, MA 02111

Signature: \_\_\_\_\_

William New

Date: January 14, 2005